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Electronic Patent Application Submission
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EFS ID: 62543
Application ID: 10637098
Title of Invention: WAVE ANTENNA WIRELESS
COMMUNICATION DEVICE
First Named Inventor: IAN FORSTER
Domestic/Foreign Application: Domestic Application
Filing Date: 2003-08-08
Effective Receipt Date: 2004-06-14
Submission Type: Information Disclosure
Statement
Filing Type:
Confirmation number: 5015
Attorney Docket Number: 4579-154E



Total Fees Authorized: 180.0
Payment Category: Credit Card
Credit Card Number: *****1002
Expiration Date: 04302007
Card Holder Name: BENJAMIN S WITHROW
Postal Code: 27511
RAM Payment Status: RAM success
RAM User ID: EFSPROD
RAM Accounting Date: 2004-06-14
RAM Sequence Number: 1040811


Digital Certificate Holder: cn=Steven Terranova,ou=Registered Attorneys,ou=Patent and Trademark
Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 53e603a6c00fbfd432cfe2ff64dba469e8b8079



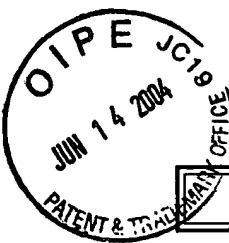
TRANSMITTAL

Electronic Version v1.1

Stylesheet Version v1.1.0

Title of Invention	WAVE ANTENNA WIRELESS COMMUNICATION DEVICE	
<p>Application Number: 10/637098 </p> <p>Date: 2003-08-08</p> <p>First Named Applicant: IAN JAMES FORSTER</p> <p>Confirmation Number: 5015</p> <p>Attorney Docket Number: 4579-154E</p>		
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Submitted by:	Elec. Sign.	Sign. Capacity
STEVEN N TERRANOVA Registered Number: 43185	/STEVEN N TERRANOVA/	Attorney
Documents being submitted	Files	
us-fee-sheet	4579-154Eids-usfees.xml	
	us-fee-sheet.xml	
	us-fee-sheet.dtd	
us-ids	4579-154Eids-usidst.xml	
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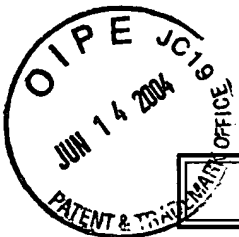
Comments



FEE TRANSMITTAL

Electronic Version v08
Stylesheet Version v08.0


Title of Invention	WAVE ANTENNA WIRELESS COMMUNICATION DEVICE								
<div style="display: flex; justify-content: space-between;"><div>Application Number: 10/637098</div><div></div></div> <div>Date: 2003-08-08</div> <div>First Named Applicant: IAN JAMES FORSTER</div> <div>Attorney Docket Number: 4579-154E</div> <div>Art Unit: 2821</div> <div>Examiner: THO G PHAN</div>									
<h2 style="margin: 0;">TOTAL FEE AUTHORIZED \$180</h2> <p style="margin-top: 10px;">Patent fees are subject to annual revisions on or about October 1st of each year.</p>									
BASIC FILING FEE <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"><thead><tr><th style="width: 55%;">Fee Description</th><th style="width: 10%;">Fee Code</th><th style="width: 15%;">Amount \$</th><th style="width: 20%;">Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td style="text-align: center;">1806</td><td style="text-align: center;">180</td><td style="text-align: center;">180</td></tr></tbody></table>		Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$						
Submission Of Information Disclosure Stmt Fee	1806	180	180						
AUTHORIZED BILLING INFORMATION <p>The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <div>Credit account number: 1002</div> <div>Expiration Date (YYYYMMDD): 2007-04-30</div> <div>Authorized name: BENJAMIN S WITHROW</div> <div>Billing address: 27511</div>									



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

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<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5181975</td><td>1993-01-26</td><td>POLLACK ET AL</td><td></td><td>152</td><td>152.1</td></tr><tr><td></td><td>2</td><td>5218861</td><td>1993-06-15</td><td>BROWN ET AL</td><td></td><td>73</td><td>146.5</td></tr><tr><td></td><td>3</td><td>5319354</td><td>1994-06-07</td><td>MYATT</td><td></td><td>340</td><td>572</td></tr><tr><td></td><td>4</td><td>5479171</td><td>1995-12-26</td><td>SCHUERMANN</td><td></td><td>342</td><td>44</td></tr><tr><td></td><td>5</td><td>5554242</td><td>1996-09-10</td><td>BROWN ET AL.</td><td></td><td>156</td><td>111</td></tr><tr><td></td><td>6</td><td>5731754</td><td>1998-03-24</td><td>LEE JR. ET AL.</td><td></td><td>340</td><td>447</td></tr><tr><td></td><td>7</td><td>5833603</td><td>1998-11-10</td><td>KOVACS ET AL.</td><td></td><td>600</td><td>317</td></tr><tr><td></td><td>8</td><td>5959524</td><td>1999-09-28</td><td>WIENAND ET AL.</td><td></td><td>338</td><td>28</td></tr><tr><td></td><td>9</td><td>5961215</td><td>1999-10-05</td><td>LEE ET AL.</td><td></td><td>374</td><td>178</td></tr><tr><td></td><td>10</td><td>5972156</td><td>1999-10-26</td><td>BRADY ET AL.</td><td></td><td>156</td><td>280</td></tr><tr><td></td><td>11</td><td>6016127</td><td>2000-01-18</td><td>CASIOLA ET AL</td><td></td><td>343</td><td>731</td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5181975	1993-01-26	POLLACK ET AL		152	152.1		2	5218861	1993-06-15	BROWN ET AL		73	146.5		3	5319354	1994-06-07	MYATT		340	572		4	5479171	1995-12-26	SCHUERMANN		342	44		5	5554242	1996-09-10	BROWN ET AL.		156	111		6	5731754	1998-03-24	LEE JR. ET AL.		340	447		7	5833603	1998-11-10	KOVACS ET AL.		600	317		8	5959524	1999-09-28	WIENAND ET AL.		338	28		9	5961215	1999-10-05	LEE ET AL.		374	178		10	5972156	1999-10-26	BRADY ET AL.		156	280		11	6016127	2000-01-18	CASIOLA ET AL		343	731
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	12	6130602	2000-10-10	OTOOLE ET AL	340	10.33
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	15	6257289	2001-07-10	TOMITA ET AL	152	152.1
	16	6272936	2001-08-14	OREPER ET AL	73	862.621
	17	6299349	2001-10-09	STEINEL ET AL	374	143
	18	6388567	2002-05-14	BOHM ET AL	340	442
	19	6463798	2002-10-15	NEIKERK ET AL	73	146.2
	20	6474380	2002-11-05	RENSEL ET AL	152	152.1
	21	6630910	2003-10-07	FORSTER ET AL	343	806
	22	5347280	1994-09-13	SCHUERMANN	342	42

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
	1	20020066506	2002-06-06	WILSON		152	152
	2	20020075145	2002-06-20	HARDMAN ET AL		340	442
	3	20020088517	2002-07-11	SHIMURA		152	152.1
	4	20020093422	2002-07-18	SHIMURA		340	447
	5	20020116992	2002-08-29	RICKEL		73	146
	6	20020126005	2002-09-12	HARDMAN ET AL		340	442
	7	20020140574	2002-10-03	STARKEY ET AL		340	870.16
	8	20020190852	2002-12-19	LIN		340	445
	9	20020190853	2002-12-19	NIGON ET AL		340	448
	10	20030005760	2003-01-09	BULST ET AL		73	146

Signature

Examiner Name	Date